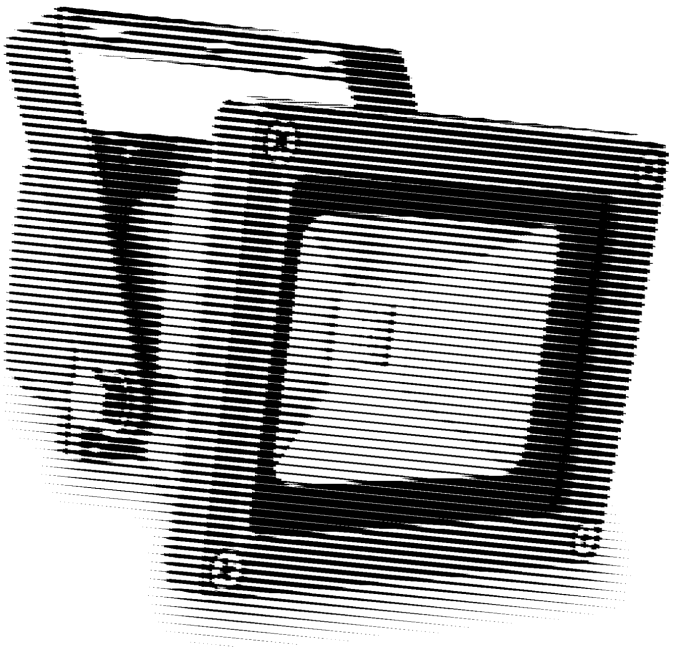


STAIRVILLE

LED Colour Flood 10W / 30W RGB

LED floodlight

th•mann
MUSIC IS OUR PASSION

user manual

Musikhaus Thomann
Thomann GmbH
Hans-Thomann-Straße 1
96138 Burgebrach
Germany
Telephone: +49 (0) 9546 9223-0
E-mail: info@thomann.de
Internet: www.thomann.de

10.08.2015, ID: 274069_274070 (V2)

Table of contents

1 General information **4**
1.1 Further information 5
1.2 Notational conventions 6
1.3 Symbols and signal words 6
2 Safety instructions **9**
3 Features **14**
4 Installation and operation **15**
5 Components and functions **19**
6 Technical specifications **21**
7 Cleaning **22**
8 Protecting the environment **23**

1 General information

This manual contains important instructions for the safe operation of the unit. Read and follow the safety instructions and all other instructions. Keep the manual for future reference. Make sure that it is available to all those using the device. If you sell the unit please make sure that the buyer also receives this manual.

Our products are subject to a process of continuous development. Thus, they are subject to change.

1.1 Further information

On our website (*www.thomann.de)* you will find lots of further information and details on the following points:

Download	This manual is also available as PDF file for you to download.
Keyword search	Use the search function in the electronic version to find the topics of interest for you quickly.
Online guides	Our online guides provide detailed information on technical basics and terms.
Personal consultation	For personal consultation please contact our technical hotline.
Service	If you have any problems with the device the customer service will gladly assist you.

1.2 Notational conventions

This manual uses the following notational conventions:

Letterings

The letterings for connectors and controls are marked by square brackets and italics.

Examples: *[VOLUME]* control, *[Mono]* button.

1.3 Symbols and signal words

In this section you will find an overview of the meaning of symbols and signal words that are used in this manual.

Signal word	Meaning
DANGER!	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
WARNING!	This combination of symbol and signal word indicates a possible dangerous situation that can result in death or serious injury if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.

Warning signs	Type of danger
	Warning – high-voltage.
	Warning – suspended load.

Warning signs	Type of danger
	Warning – danger zone.

2 Safety instructions

Intended use

This device is intended to be used as an electronic illumination effect using LED technics. The device is designed for professional use and is not suitable for use in households. Use the device only as described in this user manual. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety

DANGER!

Danger for children

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard!

Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke!

Never let children unattended use electrical devices.

DANGER!

Electric shock caused by high voltages inside

Within the device there are areas where high voltages may be present. Never remove any covers.

There are no user-serviceable parts inside.

Do not use the device if covers, protectors or optical components are missing or damaged.

DANGER!

Electric shock caused by short-circuit

Always use proper ready-made insulated mains cabling (power cord) with a protective contact plug. Do not modify the mains cable or the plug. Failure to do so could result in electric shock/death or fire. If in doubt, seek advice from a registered electrician.

WARNING!

Eye damage caused by high light intensity

Never look directly into the light source.

WARNING!

Risk of epileptic shock

Strobe lighting can trigger seizures in photosensitive epilepsy. Sensitive persons should avoid looking at strobe lights.

NOTICE!

Risk of fire

Do not cover the device nor any ventilation slots. Do not place the device near any direct heat source. Keep the device away from naked flames.

NOTICE!

Voltage supply

Connect the device directly to the power grid. It must not be connected to a dimmer.

Before connecting the device, you have to ensure that the rated voltage indicated on the device matches the voltage of the power grid available in the operating place. You must also take care that the power grid is protected by a residual current circuit breaker. Failure to do so can result in damage to the device and injury to the user.

In case a thunderstorm is coming up or you're not going to use the device for a longer period of time, disconnect it from the power grid to reduce the risk of electric shock and fire.

NOTICE!

Risk of fire due to incorrect polarity

Incorrectly inserted batteries may destroy the device or the batteries.

Ensure that proper polarity is observed when inserting batteries.

NOTICE!

Possible damage by leaking batteries

Leaking batteries can cause permanent damage to the device.

Take batteries out of the device if it is not going to be used for a longer period.

3 Features

The LED floodlight is ideal for professional lighting applications, for example, at events, on stage, in theatres or discotheques

Special features of the device:

- Infrared remote control
- White, basic colours red, green, blue and mixed colours are selectable
- Built-in automatic show programmes
- Suitable for outdoor application due to protection type IP65

4 Installation and operation

Unpack and carefully check that there is no transportation damage before using the unit. Keep the equipment packaging. To fully protect the device against vibration, dust and moisture during transportation or storage use the original packaging or your own packaging material suitable for transport or storage, respectively.

WARNING!

Risk of injury caused by falling objects

Make sure that the installation complies with the standards and rules that apply in your country. Always secure the device with a secondary safety attachment, such as a safety cable or a safety chain.

NOTICE!

Risk of overheating

Always ensure sufficient ventilation.

The ambient temperature must always be below 40 °C (104 °F).

NOTICE!

Use of stands

When mounting the device onto a stand, ensure that the stand is in a safe and stable position and that the weight of the device does not exceed the maximum permissible load capacity of the stand.

Mounting options

You can install the device standing or hanging upside down. When in use, the device must be mounted at a solid surface or clamped to an approved truss. Use the openings of the bracket provided for mounting.

Work from a stable platform whenever you install or move the device or when you perform any kind of maintenance. Block access under the work area.

The safety cable must be attached to the bracket.

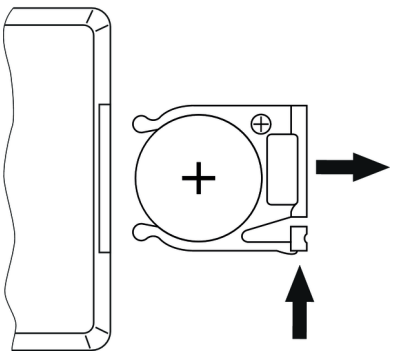
Please note that this device must not be connected to a dimmer.

Infrared sensor for the IR remote control signal.

The infrared sensor for the IR remote control signal is connected to the device via a non-removable cable. Make sure that there is no objects between the the two IR sensors which may cause interference problems .

Establish all connections as long as the unit is switched off. Use the shortest possible high-quality cables for all connections.

Inserting the battery into the remote control

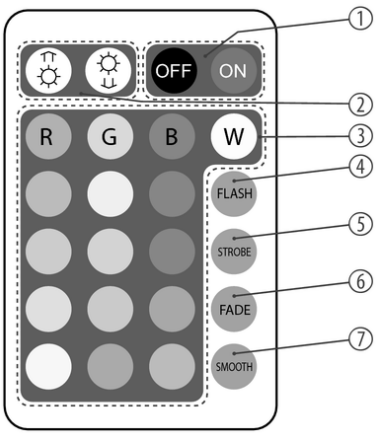


Press the lock of the battery holder to the centre of the housing and pull out the battery holder like a drawer. Insert the battery. The battery is correct if the positive pole points to the housing base of the remote control. Slide the battery holder back into the remote until it clicks into place.

When shipping, the battery is already installed in the remote and protected against discharge by a transparent plastic foil. Remove the plastic foil prior to first use.

5 Components and functions

Remote control



1	*[ON]/[OFF]* Buttons to switch the unit on or off.
2	Brightness control.
3	Colour selection buttons. Use the ■ *[W]* button for white light, ■ *[R]*, *[G]* or *[B]* button for the basic colours red, green and blue, ■ the coloured buttons to directly select a mixed colour.
4	*[FLASH]* Automatic change of all colours.
5	*[STROBE]* No function.

6	*[FADE]* Fast automatic change of all colours with blending effect.
7	*[SMOOTH]* Slow automatic change of all colours with blending effect.

6 Technical specifications

	Item no. 274069	**Item no. 274070**
LED	RGB multichip	RGB multichip
	10 W	30 W
Dispersion	120 °	120 °
Battery (remote control)	Lithium coin battery, CR 2025, 3 V	Lithium coin battery, CR 2025, 3 V
Operating voltage supply	230 V ~ , 50 Hz	100 … 240 V ~ , 50 Hz
Power consumption	16 W	35 W
Dimensions (W × D × H, without mounting bracket)	113 mm × 86 mm × 86 mm	225 mm × 185 mm × 130 mm
Protection type	IP65	IP65
Weight	0.9 kg	2.5 kg

7 Cleaning

Optical lenses

Clean the optical lenses, that are accessible from the outside, regularly in order to optimize the light output. The frequency of cleaning depends on the operating environment: wet, smoky or particularly dirty surroundings can cause more accumulation of dirt on the optics of the device.

- Clean with a soft cloth using our lamp and lens cleaner (item no. 280122).
- Always dry the parts carefully.

8 Protecting the environment

Disposal of the packaging material

For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

Disposal of your old device

This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE). Do not dispose with your normal household waste.

Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.

Musikhaus Thomann · Hans-Thomann-Straße 1 · 96138 Burgebrach · Germany · www.thomann.de